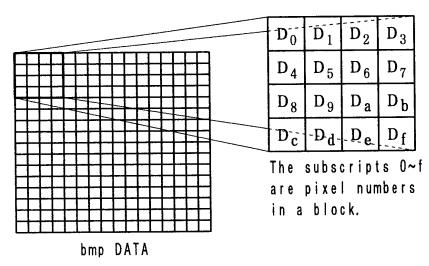
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD

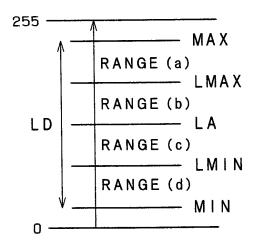
**INVENTOR(S):** IWAO SHIRAISHI ET AL. ATTORNEY DOCKET No: 018912-164

SHEET 1 of 16

F / G. 1



F / G. 2



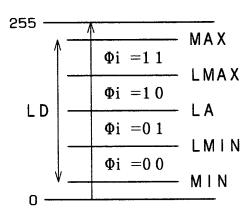
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

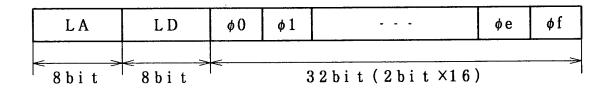
**INVENTOR(S):** IWAO SHIRAISHI ET AL.

**ATTORNEY DOCKET NO: 018912-164** SHEET 2 of 16

F / G. 3



F / G. 4



TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

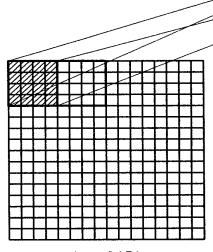
**INVENTOR(S):** IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164

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FIXED LENGTH COMPRESSED DATA

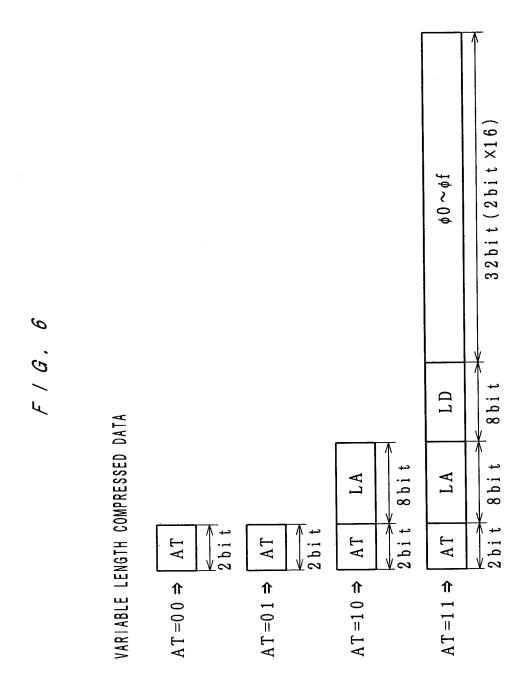
F / G. 5



bmp DATA

APPLN. FILING DATE: SEPTEMBER 30, 2003
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD INVENTOR(S): IWAO SHIRAISHI ET AL.
ATTORNEY DOCKET NO: 018912-164 SHEET 4 of 16

**SHEET 4 of 16** 



TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD

**INVENTOR(S):** IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164 **SHEET 5 of 16** 

9 9  $\frac{1}{2}$  $\frac{\times}{1}$  $\stackrel{\times}{1}$ b i р: 1 **b** i . 0 .0 0 2 2  $\sim$ **b** i b i b i 2 2 2 . . 0 8 b i 8 b i р. 1 FIXED LENGTH COMPRESSED DATA 0  $\infty$ . 0 LA [1 **b** i 8 b i b i x 0  $\infty$ 00 AT = 0.0AT = 0.1AT = 10

32bit (2bit X16)

8 b i

р. 1

 $\infty$ 

 $\phi 0 \sim \phi$ 

LD

LA

TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD

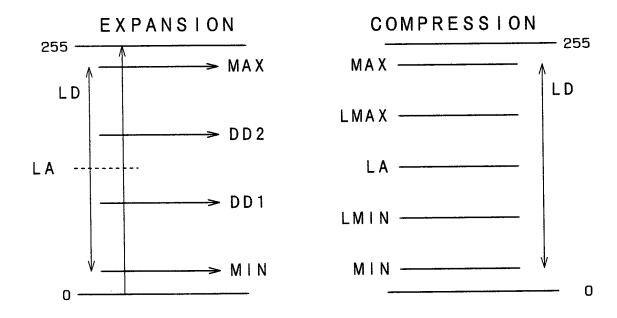
INVENTOR(S): IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164

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F / G. 8 a

F / G. 8 b

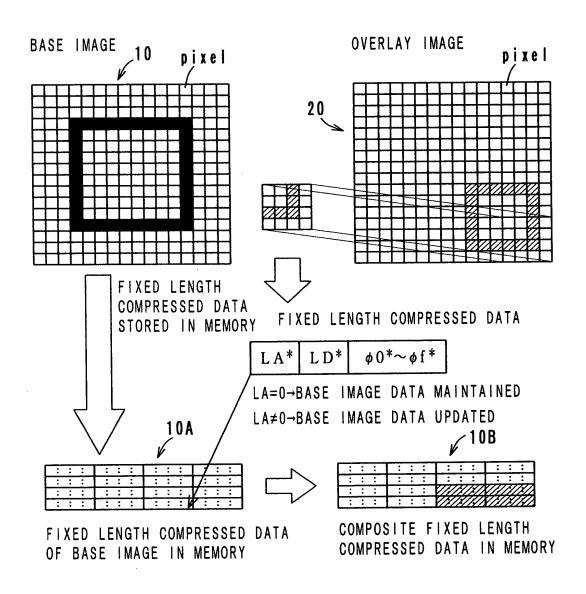


TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD

**INVENTOR(S):** IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164 **SHEET 7 of 16** 

F / G. 9



TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL.

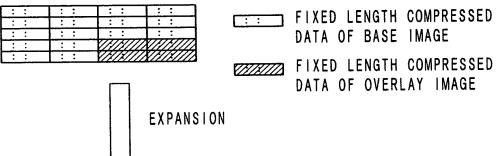
ATTORNEY DOCKET NO: 018912-164

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## F / G. 10

## EXPANSION OF COMPOSITE DATA





COMPOSITE IMAGE 30

lmage composition is performed block by block (4x4 pixels).

→BASE IMAGE REPRODUCED

→OVERLAY IMAGE REPRODUCED

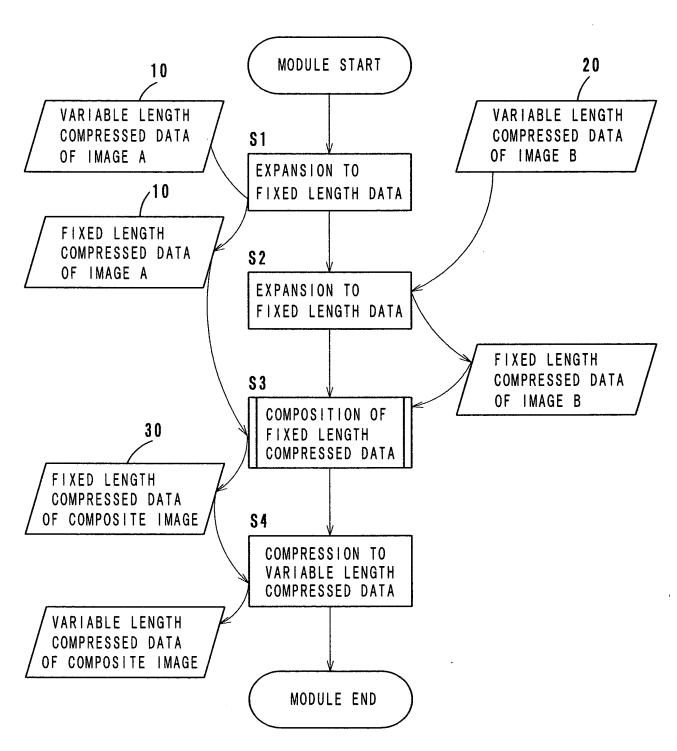
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164 SHEET 9 of 16

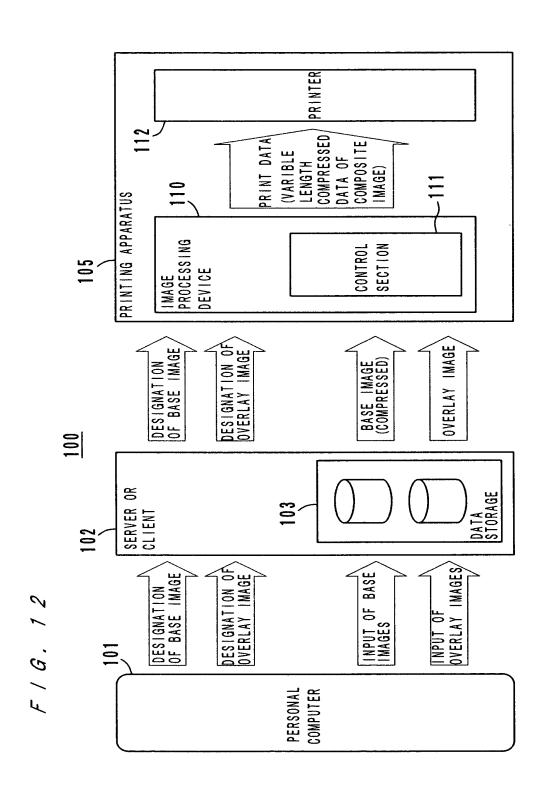
F / G. 11



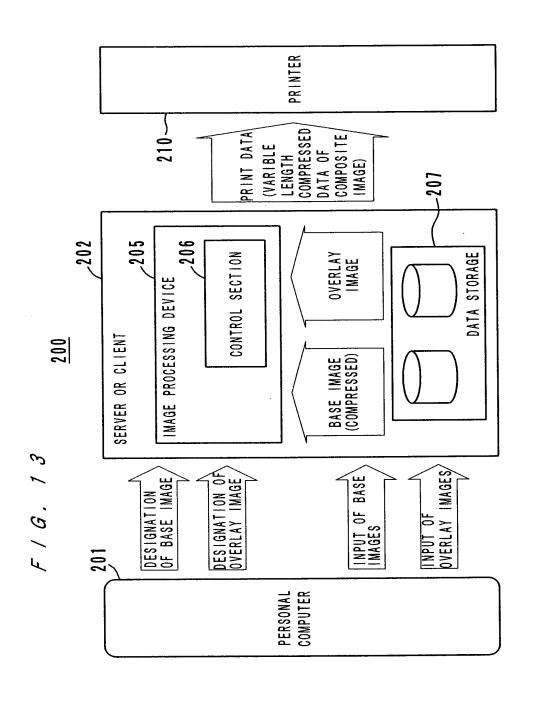
APPLN. FILING DATE: SEPTEMBER 30, 2003
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL. ATTORNEY DOCKET NO: 018912-164

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APPLN. FILING DATE: SEPTEMBER 30, 2003
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD INVENTOR(S): IWAO SHIRAISHI ET AL.
ATTORNEY DOCKET NO: 018912-164
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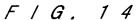


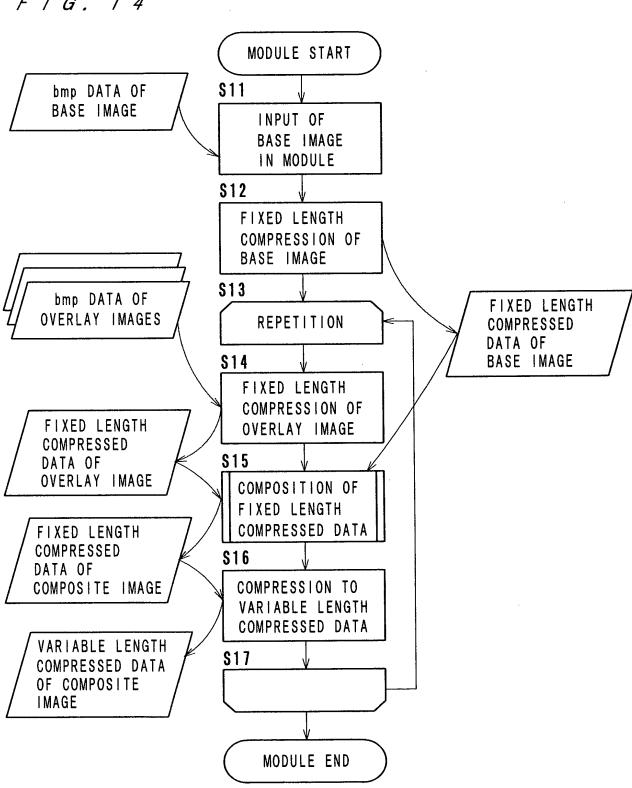
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL.

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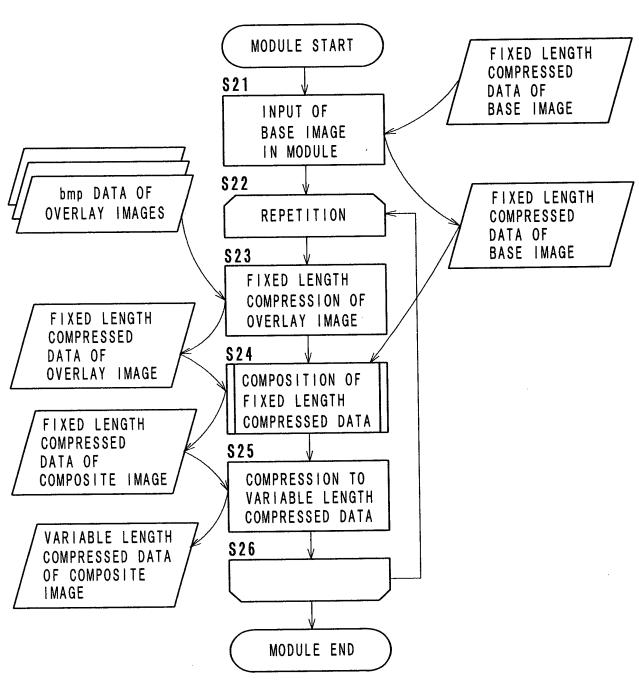
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL.

ATTORNEY DOCKET NO: 018912-164 SHEET 13 of 16

F/G. 15

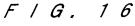


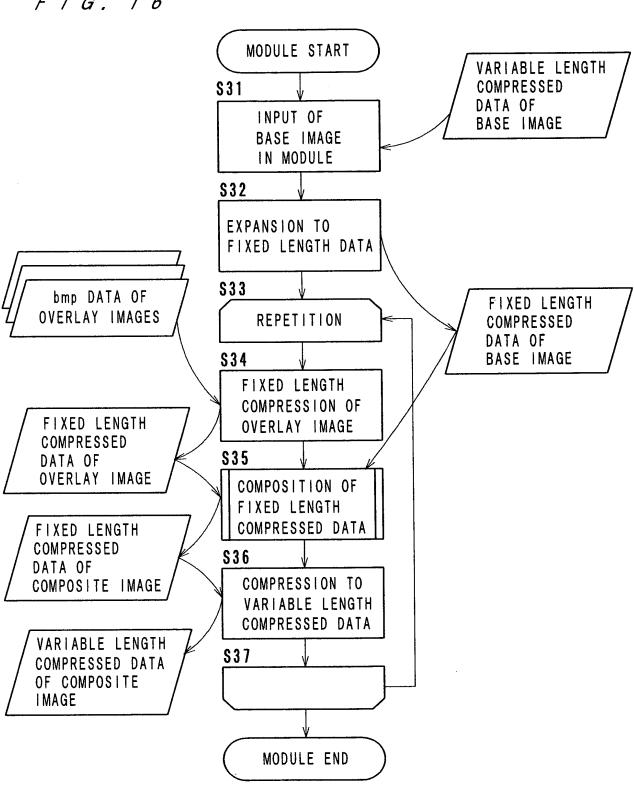
TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL. ATTORNEY DOCKET NO: 018912-164

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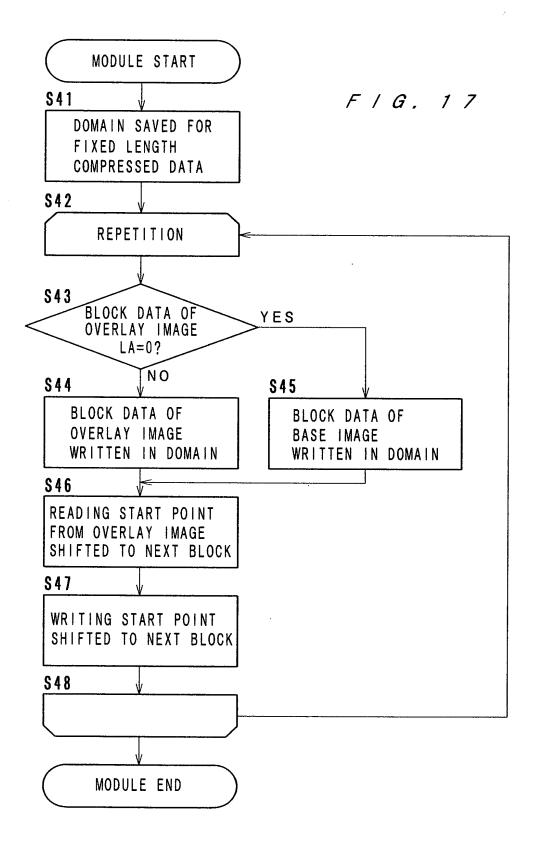


TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING

PROGRAM AND IMAGE COMPOSING METHOD

INVENTOR(S): IWAO SHIRAISHI ET AL. ATTORNEY DOCKET NO: 018912-164

SHEET 15 of 16



APPLN. FILING DATE: SEPTEMBER 30, 2003 TITLE: IMAGE PROCESSING DEVICE, IMAGE PROCESSING PROGRAM AND IMAGE COMPOSING METHOD INVENTOR(S): IWAO SHIRAISHI ET AL. ATTORNEY DOCKET NO: 018912-164 **SHEET 16 of 16** MODULE START F/G. 18 \$51 DOMAIN SAVED FOR FIXED LENGTH COMPRESSED DATA \$52 BASE IMAGE DATA COPIED IN DOMAIN \$53 REPETITION S54 BLOCK DATA OF YES OVERLAY IMAGE LA=0? NO \$55 BLOCK DATA OF BASE IMAGE UPDATED TO BLOCK DATA OF OVERLAY IMAGE \$56 READING START POINT FROM OVERLAY IMAGE SHIFTED TO NEXT BLOCK \$57 WRITING START POINT (ONTO BASE IMAGE) SHIFTED TO NEXT BLOCK \$58

MODULE END